

Leaf 1

Inspired by Nancy Attaway's "Aspen Leaf"
by Henk Prins, July 2018

Angles for R.I. = 1.720

49 + 14 girdles = 63 facets

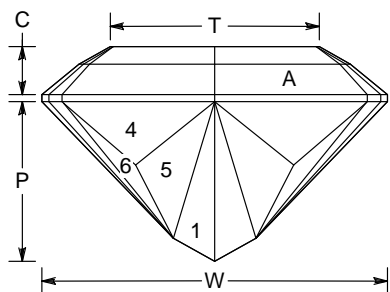
1-fold, mirror-image symmetry

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L/W = 1.033 T/W = 0.605 U/W = 0.581

P/W = 0.462 C/W = 0.139

Vol./W³ = 0.187



PAVILION

1	47.00°	01-34-62-95	Cut to PCP
2	44.00°	38-58	Meet PCP
3	90.00°	06-90	Establish size
4	60.00°	06-90	Meet 3-1-1-3, establish a level girdle
5	48.75°	03-93	Meet 1-3-4
6	47.20°	12-84	Meet 1-1-5
7	46.70°	18-78	Meet 1-1-5-6
8	46.60°	21-75	Meet 1-1-5-6-7
9	46.70°	27-69	Meet 1-1-5-6-7-8
10	47.00°	30-66	Meet 1-1-5-6-7-8-9
11	90.00°	18-78	Meet 3-4-6, level girdle
12	90.00°	21-75	level girdle
13	90.00°	27-69	level girdle
14	90.00°	30-66	level girdle
15	90.00°	34-62	level girdle
16	90.00°	38-58	level girdle

CROWN

A	40.00°	06-90	Establish girdle width
B	40.00°	18-78	level girdle
C	40.00°	21-75	level girdle
D	40.00°	27-69	level girdle
E	40.00°	30-66	level girdle
F	40.00°	34-62	level girdle
G	40.00°	38-58	level girdle
H	30.00°	06-90	Set size of Tier 1
I	30.00°	18-78	Level tier
J	30.00°	21-75	Level tier
K	30.00°	27-69	Level tier
L	30.00°	30-66	Level tier
M	30.00°	34-62	Level tier
N	30.00°	38-58	Level tier
T	0.00°	Table	Set size of tier 2

This design will work well for any light coloured material from Quartz through to CZ without any changes.

My test cut was in colourless Topaz with excellent results.

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